

## CLAIMS

1. A patient parameter monitoring pod, comprising:
  - a portable housing containing a power supply;
  - a patient parameter module connectable to a patient via lead cables to collect
  - 5 patient data, the patient data including at least one vital sign;
  - a transceiver adapted to wirelessly transmit the patient data to a defibrillator; and
  - a data port adapted to supply the patient data via a direct electrical connection to the defibrillator.
2. The pod of claim 1, where the patient data includes one or more of multi-lead
- 10 ECG data, non-invasive blood pressure data, pulse oximeter data, capnography and respiratory data, invasive blood pressure readings, and patient temperature data.
3. The pod of claim 1, wherein the portable housing supports a display area to visually display the patient data.
4. The pod of claim 1, wherein the housing includes a pod interconnect connector to
- 15 connect the pod to another patient parameter monitoring pod.
5. The pod of claim 1, wherein the housing includes visual indicators.
6. The pod of claim 1, further including a carrying handle extending from the housing proximate a patient lead cable port that permits connection of the lead cables to the pod, the carrying handle positioned to protect the patient lead cable port and the
- 20 patient lead cables attached to the port from direct impact.
7. A patient parameter monitoring pod, comprising:
  - a housing holding a power supply;
  - patient lead cables attachable between a patient and the housing to collect patient data, the patient data including at least one vital sign;
  - 25 a carrying handle extending from the housing proximate the patient lead cable port, the carrying handle positioned to protect the patient lead cable port and the patient lead cables attached to the port from direct impact; and
  - a communications module adapted to send the patient data to a defibrillator.
8. The pod of claim 1, wherein the housing includes a pod interconnect connector to
- 30 connect the pod to another patient parameter monitoring pod.
9. The pod of claim 1, wherein the housing includes visual indicators.
10. The pod of claim 1, further including a lead cable comb separator, the separator holding the lead cables apart from each other.

11. The pod of claim 1, further including a carrying strap connected to one of the pod and the bag.
12. The pod of claim 11, wherein the carrying strap including a quick release buckle permitting the strap to be opened.
- 5 13. A patient parameter monitoring pod system, comprising:  
a portable patient monitoring pod and a component storage bag, the pod having an outer housing, a patient parameter module, and a data port, the patient parameter module connectable to a patient via lead cables to collect patient data, the patient data including at least one vital sign, the data port being exposed on the housing and adapted to supply the  
10 patient data via a direct electrical connection to a defibrillator, the component storage bag having pockets for holding the pod and components of the pod, the storage bag having openings exposing the data port and permitting passage therethrough of the patient lead cables.
14. The pod of claim 13, where the patient data includes one or more of multi-lead  
15 ECG data, non-invasive blood pressure data, pulse oximeter data, capnography and respiratory data, invasive blood pressure readings, and patient temperature data.
15. The pod of claim 13, wherein the housing supports a display area to visually display the patient data.
16. The pod of claim 13, wherein the housing includes a pod interconnect connector  
20 to connect the pod to another patient parameter monitoring pod.
17. The pod of claim 13, wherein the housing includes visual indicators.
18. The pod of claim 13, further including a carrying handle extending from the housing proximate a patient lead cable port that permits connection of the lead cables to the pod, the carrying handle positioned to protect the patient lead cable port and the  
25 patient lead cables attached to the port from direct impact.
19. The pod of claim 13, further including a lead cable comb separator, the separator holding the lead cables apart from each other.